

Midwest Non-Profit Healthplan

The Client

The client provides a variety of products and services, including health plans for employers and individuals; life insurance; long-term care plans; pharmacy benefits management; administrative services for self-insured groups; managed care services for workers' compensation; behavioral health care; and health and wellness programs.

The Challenge

The client had been exploring various options to develop a next-generation data warehouse architecture and the appropriate decision support tools to respond to a continuously more demanding user environment. The challenge was to develop a proof of concept that would meet the client's long-term business objectives for an enterprise-wide data warehousing effort and the requisite decision support tools, including:

- Providing users with a powerful, easy-to-use tool that enables timely reporting, supports analytic requirements of various business units, enhances collaboration around data definitions, and provides the possibility for a "single version of the truth"
- Designing suitable data warehouse architecture to support the client's long-term business requirements for enterprise-wide information.
- Developing a scalable architecture suitable for four years of data on over two million members.
- Establishing a flexible platform to allow seamless access of corporate data to enhance strategic decision-making capabilities.
- Delivering technology solutions quickly through a phased approach that allowed for deliverable refinement without material scope expansion.

The Solution

Intelimedix employed a rapid prototyping methodology to quickly implement a system that met the client's needs. This approach consisted of two primary phases:

- Phase 0 – an intensive two-week assessment phase where consultants spent time learning how the client's data was organized, validated the data, and determined any obstacles in establishing the metadata repository.

- Phase 1 – a systematic implementation period that included data source analysis, data model and repository design, data acquisition analysis, report/workbook development, and deployment.

After approximately 100 days of the proof of concept, the client was provided with a data warehouse, customized reports, and training on the system. This system provided a centralized data source for informatics, offered an easy-to-use interface affording standard analysis of data, and granted broad access to the Health Information Gateway® using web-based technologies.